

TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: BDL-441XX

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Express Mail No: EV 044749282 US

Date: December 12, 2003

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

First Named Inventor or Application

Identifier: Denis Vion

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventors: Denis Vion; Daniel Esteve; Philippe Joyez; Hugues Pothier;
Pierre-François Orfila; Cristian Urbina; Eddy Collin; Grégoire Ithier

Entitled: DEVICE FOR RE-INITIALIZING A QUANTUM BIT DEVICE HAVING TWO ENERGY STATES

☐ This is a request for filing a ☐ **continuation** ☐ **divisional**
☐ **continuation in-part** application under \$1.53(b) of prior Application
No. _____, filed _____, entitled:

Enclosed are:

☒ 36 pages of written description, claims and Abstract, inclusive IN FRENCH☒ 5 sheets of ☐ informal ☒ formal drawings of Figs. 1-7 (one set)☒ Oath or Declaration☒ Newly executed (original or copy)

☐ Copy from prior application (37 CFR 1.63(d)) (for
continuation/divisional). The entire disclosure of the prior
application, from which a copy of the oath or declaration is supplied,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

☐ To be filed later

☒ Cover sheet and Assignment of the invention to: Commissariat a l'Energie
Atomique, including a check in the amount of \$40.00 for recordation fee.

☐ Certified copy of a _____ application (if foreign
priority is claimed) with letter claiming priority under Rule 55.

☐ Information Disclosure Statement with _____ citations enclosed.

☐ Preliminary amendment is enclosed.

☒ Return receipt postcard

☐ Small entity status is entitled to be, and hereby is, asserted for this
application.

15992 U.S. PTO
121203

22154 U.S. PTO
10/735604
121203

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TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)☐ Other:☐ Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.☒ Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.☐ Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.☐ _____ is hereby appointed Associate Attorney by:
Registration No.:_____
Attorney of Record:
Registration No.:☐ Power of Attorney in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as _____, are hereby given associate power:
Registration No.:Stanley M. Schurgin, Reg. No. 20,979
Charles L. Gagnebin III, Reg. No. 25,467
Victor B. Lebovici, Reg. No. 30,864
Beverly E. Hjorth, Reg. No. 32,033Holliday C. Heine, Reg. No. 34,346
Gordon R. Moriarty, Reg. No. 38,973
James F. Thompson, Reg. No. 36,699☐ Cancel in this application original claims _____ of the prior application before calculating the filing fee.☐ Add in this application claims _____ per amendment before calculating fee.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$770.00
Independent	- 3	=	x \$86.00 =	
Total	- 20	=	x \$18.00 =	
<input type="checkbox"/> Multiple Dependent Claims (1st presentation)			+ \$290.00 =	
SUBTOTAL FILING FEE				
Small Entity filing, divide by 2. (Small Entity status must be asserted.)				
TOTAL FILING FEE				

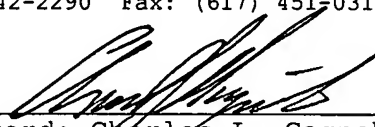
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TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

- [] The filing fee has been calculated above; a check in the amount of \$_____ is enclosed.
- [X] The filing fee will be submitted at a later date.
- [X] In the event a Petition for Extension of Time under 37 CFR \$1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- [] The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR \$1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

[X] **Customer Number 207**

which is associated with the Law Firm of:
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Attorney of Record: Charles L. Gagnebin III
Registration No. 25,467

Attorney Docket No.: BDL-441XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

[] Priority is claimed under 35 USC § 120 of prior Application(s)
No. _____ filed _____, entitled:

[] The above-identified application(s) is/are assigned of record to:

[X] Priority is claimed under 35 USC § 119 (a)-(d) of the following
application(s).

<u>03 13148</u>	<u>France</u>	<u>07 November 2003</u>
(Application Number)	(Country)	(Filing Date)
<u> </u>	<u> </u>	<u> </u>
(Application Number)	(Country)	(Filing Date)
<u> </u>	<u> </u>	<u> </u>
(Application Number)	(Country)	(Filing Date)

[] The above-identified application(s) is/are assigned of record to:

[] Priority is claimed under 35 USC § 119 (e) of the following provisional
application(s).

<u> </u>	<u> </u>
(Application Number)	(Filing Date)
<u> </u>	<u> </u>
(Application Number)	(Filing Date)
<u> </u>	<u> </u>
(Application Number)	(Filing Date)

[] The above-identified provisional application(s) is/are assigned
of record to:

SUBMIT IN TRIPLICATE

CLG/mc/299387-1